

Amendments to the Claims:

1. (Currently Amended) A method of ~~transparently~~ configuring a mobile device in a mobile communications network ~~with the mobile device's identity module respective configuration data~~, the method comprising:

determining whether a first identity module coupled to ~~the~~ a mobile device is different from a second identity module previously coupled to the mobile device;

searching entries in a data structure external to the first identity module for first configuration data associated with the first identity module, in response to determining the first identity module is different from the second identity module; and

automatically configuring the mobile device to operate in the mobile communications network, without input from a user or a service representative, by replacing the second configuration data with the first configuration data, in response to finding the first configuration data in the data structure.

~~wherein said data structure has a plurality of entries comprising configuration data for corresponding plurality of identity modules that can be coupled to said mobile device;~~

~~wherein the configuration data comprises network access information allowing the mobile device to operate in the mobile communications network using the first identity module without need for externally programming the mobile device with the network access information;~~
~~and~~

~~configuring the mobile device to use the first configuration data, when said first configuration data is present in an entry of the data structure.~~

2. (Currently Amended) The method of claim 1, further comprising: prompting entry of the first configuration data, in response to failing to find the first configuration data in the data structure, ~~when the first configuration data is not present in an entry of the data structure.~~

3. (Currently Amended) The method of claim 2, further comprising: storing the first configuration data in a first entry in the data structure, in response to receiving ~~said~~ the first configuration data.

4. (Currently Amended) The method of claim 3, further comprising:
storing a reference to the first identity module in a second entry in the data structure; and
associating the first entry with the second entry, ~~wherein the first entry is associated with the second entry~~, such that, ~~when~~ if the first identity module is recoupled to the mobile device after being removed, the reference in the second entry is used to access the first configuration data stored in the first entry.

5. (Currently Amended) The method of claim 4, wherein the data structure comprises a plurality of associated entries for coupling a plurality of identity modules using respective configuration data. ~~The method of claim 1, wherein the data structure is stored in a memory module.~~

6. (Original) The method of claim 1, wherein the data structure is stored in the mobile device.

7. (Original) The method of claim 1, wherein the data structure is stored in a communications network component accessible by the mobile device.

8. (Currently Amended) The method of claim 1, wherein the first configuration data comprises at least one of a mobile communication network access point name (APN) or wireless application protocol internet protocol (WAP IP) address.~~The method of claim 4, wherein the data structure is in a table format with entries that associate at least one identity module with respective configuration data for said at least one identity module.~~

9. (Currently Amended) The method of claim 1, wherein the determining comprises:
identifying the first identity module based on a first unique value embedded in the first identity module; and

comparing the first unique value with a second unique value embedded in the second identity module,

wherein the first identity module is different from the second identity module if the first unique value and the second unique value do not match.~~The method of claim 1, wherein the first configuration data comprises a mobile communication network access point name (APN).~~

10. (Currently Amended) The method of claim 11, wherein the first unique value is one of a group of a serial number of the first identity module or a network ID associated with the first

identity module.~~The method of claim 1, wherein the first configuration data comprises a wireless application protocol internet protocol (WAP IP) address.~~

11. (Currently Amended) A mobile device in a mobile communications network, the mobile device comprising:

a logic unit for determining whether a first identity module coupled to the mobile device is different from a second identity module previously coupled to the mobile device;

a logic unit for searching data structure external to the first identity module for first configuration data associated with the first identity module, in response to determining the first identity module is different from the second identity module; and

a logic unit for automatically configuring the mobile device to operate in the mobile communications network, without input from a user or a service representative, by replacing the second configuration data with the first configuration data, in response to finding the first configuration data in the data structure.~~A method of transparently configuring a mobile device coupled to a new identity module with the mobile device's new identity module respective configuration data, the method comprising:~~

~~detecting a new identity module coupled to the mobile device after the first identity module;~~

~~searching entries in a data structure for a first entry comprising network access information associated with the new identity module in response to detecting the new identity module is different from the first identity module,~~

~~wherein said data structure has a plurality of entries comprising network access information for corresponding plurality of identity modules that can be coupled to said mobile device;~~

~~wherein the network access information in the first entry allows the mobile device to operate in the mobile communications network using the new identity module without need for externally programming the mobile device with the network access information; and~~

~~configuring the mobile device according to the network access information in the first entry.~~

12. (Currently Amended) The mobile device of claim 11, further comprising a logic unit for prompting entry of the first configuration data, in response to failing to find the first configuration data in the data structure~~The method of claim 11, wherein the data structure accommodates multiple entries for storing multiple network access information corresponding to multiple identity modules configured for coupling with the mobile device.~~

13. (Currently Amended) The mobile device of claim 12, further comprising a logic unit for storing the first configuration data in a first entry in the data structure, in response to receiving said first configuration data.~~The method of claim 11, wherein the detecting comprises:~~

~~identifying the new identity module based on a first unique value embedded in the new identity module; and~~

~~comparing said first unique value with a second unique value embedded in the first mobile identity module to detect if said first and second unique values match.~~

14. (Currently Amended) The mobile device of claim 13, further comprising:

a logic unit for storing a reference to the first identity module in a second entry in the data structure; and

a logic unit for associating the first entry with the second entry such that, if the first identity module is recoupled to the mobile device after being removed, the reference in the second entry is used to access the first configuration data stored in the first entry.~~The method of claim 13, further comprising:~~

~~determining that the new identity module is different from the first identity module, when the first and second unique values do not match.~~

15. (Currently Amended) The mobile device of claim 14, wherein the data structure comprises a plurality of associated entries for coupling a plurality of identity modules using respective configuration data.~~The method of claim 13, wherein the first unique value is a serial number of the new identity module.~~

16. (Currently Amended) The mobile device of claim 11, wherein the data structure is stored in the mobile device.~~The method of claim 13, wherein the first unique value is a network ID associated with the new identity module.~~

17. (Currently Amended) The mobile device of claim 11, wherein the data structure is stored in a communications network component accessible by the mobile device.~~A mobile~~

~~device in a mobile communications network which can be transparently configured according to the mobile device's new identity module respective configuration data, the mobile device comprising:~~

~~means for determining whether a new identity module coupled to the mobile device is different from a second identity module previously coupled to the mobile device;~~

~~means for searching entries in a data structure for first configuration data associated with the new identity module in response to determining the new identity module is different from the second identity module, wherein said data structure has a plurality of entries comprising configuration data for corresponding plurality of identity modules that can be coupled to said mobile device;~~

~~wherein the configuration data comprises network access information allowing the mobile device to operate in the mobile communications network using the new identity module without need for externally programming the mobile device with the network access information; and~~

~~means for configuring the mobile device to use the first configuration data, when said first configuration data is present in an entry of the data structure.~~

18. (Currently Amended) The mobile device of claim 11, wherein the first configuration data comprises at least one of a mobile communication network access point name (APN) or wireless application protocol internet protocol (WAP IP) address. The mobile device of claim 17, further comprising:

~~means for prompting entry of the first configuration data, when the first configuration data is not present in an entry of the data structure.~~

19. (Currently Amended) The mobile device of claim 11, wherein the logic unit for determining comprises:

a logic unit for identifying the first identity module based on a first unique value embedded in the first identity module; and

a logic unit for comparing the first unique value with a second unique value embedded in the second identity module,

wherein the first identity module is different from the second identity module if the first unique value and the second unique value do not match~~The mobile device of claim 18, further comprising:~~

~~means for storing the first configuration data in a first entry in the data structure, in response to receiving said first configuration data.~~

20. (Currently Amended) The mobile device of claim 19, wherein the first unique value is one of a group of a serial number of the first identity module or a network ID associated with the first identity module.~~The mobile device of claim 17, further comprising:~~

~~storage means for storing the data structure.~~